

AN - 1991-299897 [41]

A - [001] 014 03- 034 040 072 074 075 141 143 144 157 192 194 226 231 252
253 256 311 341 359 431 440 473 477 48- 481 483 51& 541 542 551 567
573 664 688

AP - JP19890337198 19891226

CPY - AJIN

DC - A11 A23 A35 A87 F06

FS - CPI

IC - D06M13/11 ; D06M15/15 ; D06M101/06

KS - 0218 0229 0367 0368 1282 1283 1291 1780 1790 1982 1986 2020 2198 2285
2299 2300 2434 2493 2524 2528 2604 2635 2723 2819 3217

MC - A05-F03 A08-D01 A11-C02 A11-C04D A12-G A12-S05S F01-H06 F03-C05

PA - (AJIN) AJINOMOTO KK

PN - JP3199471 A 19910830 DW199141 000pp

PR - JP19890337198 19891226

XA - C1991-130029

XIC - D06M-013/11 ; D06M-015/15 ; D06M-101/06

AB - J03199471 A synthetic-fibre(I) is treated with (A) a polyamino-acid and (B) a crosslinking agent on surface. The (I) synthetic-fibre is pref. nylon, polyester, acryl, vinylidene or mixt. with cellulose-, wool-fibre, etc. The (A) polyamino-acid is pref. anhydride of amino-N-carboxylic acid, e.g. gamma-methyl-L-glutamate, gamma-ethyl-glutamate, etc.; of which initiator is pref. ammonia, mono-methyl-amine, dimethyl-amine etc. of amt. of pref. 0.1-2 mol.% based on (A). The (B) crosslinking agent is pref. isocyanate-, epoxy-crosslinking agent, e.g. "Koroneito EH" (RTM) available from Nihon Poriuretan KK, "Denakoru 301" (RTM) available from Nagase Kasei KK; of which amt. is pref. 0.1-10 wt.% of solid based on soln. (A).

- USE/ADVANTAGE - Synthetic-fibre or cloth made of it is given a feel and touch like natural protein-fibre, e.g., silk, and its durability against many washings, without deteriorating strength of the fibre.
(6pp Dwg.No 0/0)

IW - MODIFIED SYNTHETIC FIBRE SILK FEEL TREAT POLY AMINOACID PREFER GAMMA METHYL GLUTAMATE CROSSLINK AGENT PREFER ISOCYANATE

IKW - MODIFIED SYNTHETIC FIBRE SILK FEEL TREAT POLY AMINOACID PREFER GAMMA METHYL GLUTAMATE CROSSLINK AGENT PREFER ISOCYANATE

NC - 001

OPD - 1989-12-26

ORD - 1991-08-30

PAW - (AJIN) AJINOMOTO KK

TI - Modification of synthetic fibre to give silk feel - by treating with poly:aminoacid pref. gamma-methyl-L-glutamate and crosslinking agent pref. isocyanate